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(Continued)

- (58) **Field of Classification Search**
CPC A61M 1/16; A61M 1/165; A61M 1/1656;
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(Continued)

- (56)
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- (57) **ABSTRACT**

- An ambulatory ultrafiltration device includes a blood filter that has a blood side or fluid communication with the vascular system of the subject, an ultrafiltrate side, and a semipermeable membrane disposed between the blood side and the ultrafiltrate side. The ambulatory ultrafiltration also includes a buffer vessel in fluid communication with the blood side of the blood filter, and a blood pump. The blood

- (Continued)

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